

SPECIFICATION OF GEAR REDUCER

Document No.						
RS No.	01000-037					
Order No.						
Designer	Hong.W.Ch.					

CUSTOMER ITEM No.

MODEL RPH 3HP 4P 1/5 QUANTITY

DRIVEN MACHINE			DRIVER						
Application			_	Kinds	E.N	/lotor	Engine	Others	
No. of rev. (N	IOMINAL)	344.0	rpm	Power	3		KW	HP	
Installation	Indoor	Out	door	Type	TEFC		Poles	4	
Impact load	Uniform	Medium	Heavy	Phase	Single	3	Ins. class	F	
Ambient temp.	MAX.	40		Cycle	60	Hz	Voltage	V	
Allowable torque	9		kg m	Speed		1720		rpm	
Operating time		hou	r per day						
Load peak per h	our belo	w5 5	5~10	over 10					
SPECIFICATION OF REDUCER									
Nominal Ratio		1/5		MATERIAL & HEAT TREATMENT					
Service factor				Pinion		S	CM415	HC	
Power cal.	Niemann	AGMA	BS	Gear		S	CM415	HC	
Additional coolin	ng No	Water	Fan	Internal G	ear				
	Lubricant			Worm					
Kinds	Gl	REASE		Worm wh	Worm wheel				
Quantity	0.3 kg			Casing	GC200				
Viscosity	EP GREASE R00			Shaft(L.S	S) SM45C				
Method	Oil bat	Oil bath Forced			HC:Carburizing HF:High Frequency				
Max. oil temp.	120			Symbol	HN:Nitriding QT:Quenching-Tempering				
DIRECTION OF REV.(View from shaft side) APPENDED DRAWINGS									
High speed shaf	ft C\	N CC	W	Outline dv	wg. No.		GK	EN247	
Low speed shaft	t C\	N CC	W	Sectional	dwg No.				
Arrangement of shaft			Painting (Munsell No.) 7.5BG 5/2						
ACCESSARIES			WEIGHT (APPROX.)						
				Driver				kg	
				Gear Reducer kg				kg	
			Others k				kg		
				Total			56	kg	
REMARKS	Except details specified on this DATA SHEET, all subjects including test								
	shall be performed in accordance with MAKER STANDARD.								
	*** PLEASE REFER TO APPENDED DWG. FOR THE FOLLOWING No. :								